



July 2009

**DEPARTMENT OF EDUCATION**  
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at [www.maine.gov/education/mea/index.htm](http://www.maine.gov/education/mea/index.htm).

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron  
Commissioner of Education



## School Report Grade 6

Test Date: March 2009  
Code: 12521735  
SAU: MSAD 58  
School: Strong Elementary School

### Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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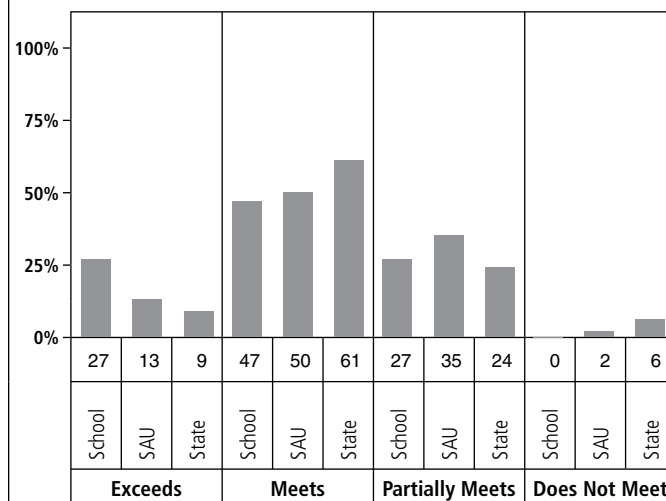
# SUMMARY OF SCORES

Test Date: March 2009  
Grade: 6  
SAU: MSAD 58  
School: Strong Elementary School

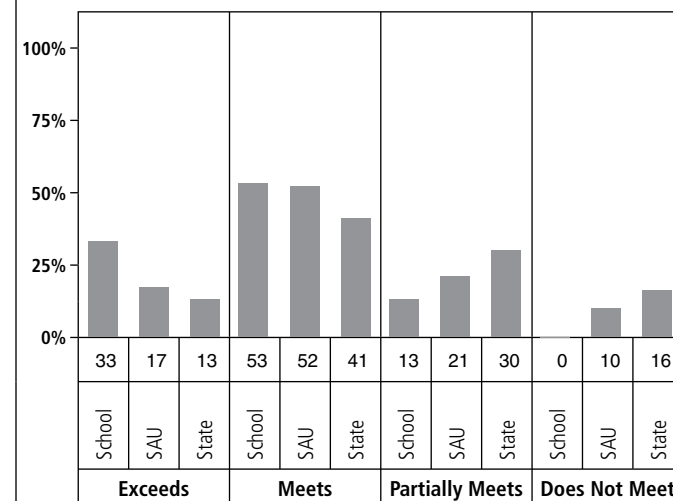
## Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
<b>ELA – Reading</b>			
2006–2007	647	642	646
2007–2008	649	649	648
<b>2008–2009</b>	<b>651</b>	<b>647</b>	<b>647</b>
Cum. Avg.*	649	646	647
<b>Mathematics</b>			
2006–2007	644	641	643
2007–2008	650	647	642
<b>2008–2009</b>	<b>657</b>	<b>648</b>	<b>643</b>
Cum. Avg.*	650	645	643

## ELA – READING



## MATHEMATICS



\*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

# SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009  
Grade: 6  
SAU: MSAD 58  
School: Strong Elementary School

CATEGORY OF PARTICIPATION	Enrollment <sup>1</sup> during testing window						CONTENT AREA PARTICIPATION <sup>2</sup>																	
							ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Total number of students</b>	15	100	48	100	14251	100	15	100	48	100	14150	99	15	100	48	100	14156	100						
<b>Ethnicity</b> African American/Black	0	0	1	2	421	3	0	0	1	100	412	98	0	0	1	100	415	99						
American Indian or Native Alaskan	0	0	1	2	128	1	0	0	1	100	127	99	0	0	1	100	128	100						
Asian or Pacific Islander	1	7	3	6	212	1	1	100	3	100	210	99	1	100	3	100	212	100						
Hispanic	0	0	0	0	181	1	0	0	0	0	177	98	0	0	0	0	178	99						
Caucasian/White	14	93	43	90	13309	93	14	100	43	100	13224	100	14	100	43	100	13223	100						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
<b>Identified disability</b>	2	13	5	10	2468	17	2	100	5	100	2423	99	2	100	5	100	2426	99						
<b>Current LEP</b>	1	7	2	4	341	2	1	100	2	100	330	97	1	100	2	100	338	99						
<b>Economically disadvantaged</b>	8	53	26	54	5780	41	8	100	26	100	5724	99	8	100	26	100	5725	99						
<b>Migrant</b>	0	0	0	0	4	0	0	0	0	0	4	100	0	0	0	0	4	100						

MODE OF PARTICIPATION <sup>3</sup>	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Participation without accommodations</b>	12	80	41	85	11369	80	12	80	41	85	11373	80						
Identified disability (PET/IEP)	0	0	1	2	355	3	0	0	1	2	371	3						
LEP	0	0	1	2	167	1	0	0	1	2	170	1						
504 plan	0	0	0	0	172	2	0	0	0	0	175	2						
<b>Participation with accommodations</b>	3	20	7	15	2594	18	3	20	7	15	2605	18						
Identified disability (PET/IEP)	2	67	4	57	1881	73	2	67	4	57	1877	72						
LEP	1	33	1	14	155	6	1	33	1	14	161	6						
504 plan	0	0	0	0	74	3	0	0	0	0	71	3						
Other	0	0	2	29	519	20	0	0	2	29	532	20						
<b>Participation through alternate assessment (PAAP)</b>	0	0	0	0	187	1	0	0	0	0	178	1						
Identified disability (PET/IEP)	0	0	0	0	187	100	0	0	0	0	178	100						
LEP	0	0	0	0	8	4	0	0	0	0	7	4						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
<b>Approved non-participation in reading – 1st year LEP</b>	0	0	0	0	0	0												
<b>Approved non-participation – special consideration</b>	0	0	0	0	26	0	0	0	0	0	25	0						
<b>Non-participation – other</b>	0	0	0	0	75	1	0	0	0	0	70	0						

<sup>1</sup>Percents are the percentage of students enrolled in each participation category.

<sup>2</sup>Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

<sup>3</sup>Percents are the percentage of students in each content area by mode.

# ELA–READING RESULTS

Test Date: March 2009  
Grade: 6  
SAU: MSAD 58  
School: Strong Elementary School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 662–680)	2006-2007	0	0	1	2	1132	8
	2007-2008	5	25	9	20	1817	13
	<b>2008-2009</b>	<b>4</b>	<b>27</b>	<b>6</b>	<b>13</b>	<b>1309</b>	<b>9</b>
	Cum. Total*	9	17	16	11	4258	10
<b>Meets the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 642–660)	2006-2007	12	67	25	49	8127	57
	2007-2008	10	50	22	50	8072	57
	<b>2008-2009</b>	<b>7</b>	<b>47</b>	<b>24</b>	<b>50</b>	<b>8564</b>	<b>61</b>
	Cum. Total*	29	55	71	50	24763	59
<b>Partially Meets the Standards</b> – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 630–640)	2006-2007	6	33	17	33	3549	25
	2007-2008	3	15	10	23	3194	23
	<b>2008-2009</b>	<b>4</b>	<b>27</b>	<b>17</b>	<b>35</b>	<b>3291</b>	<b>24</b>
	Cum. Total*	13	25	44	31	10034	24
<b>Does Not Meet the Standards</b> – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 600–628)	2006-2007	0	0	8	16	1478	10
	2007-2008	2	10	3	7	981	7
	<b>2008-2009</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>799</b>	<b>6</b>
	Cum. Total*	2	4	12	8	3258	8

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	37.0	66.1	33.2	59.3	33.8	60.4
A1/A2 Interconnected Elements/Literary Text	20	36	13.5	67.5	12.0	60.0	11.9	59.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	23.5	65.3	21.3	59.2	21.9	60.8

The MEA assesses students’ reading skills based on questions related to three types of reading passages: literary, informational, and persuasive. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

# ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009  
Grade: 6  
SAU: MSAD 58  
School: Strong Elementary School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	15	4	27	7	47	4	27	0	0	651	48	13	50	35	2	647	13963	9	61	24	6	647
<b>Ethnicity</b>																						
African American/Black	0										1						403	5	46	34	15	641
American Indian or Native Alaskan	0										1						125	4	49	38	10	642
Asian or Pacific Islander	1										3						206	18	56	20	6	649
Hispanic	0										0						174	5	55	33	7	644
Caucasian/White	14	4	29	7	50	3	21	0	0	652	43	14	51	35	0	648	13055	9	62	23	5	647
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	2										5	0	20	80	0	639	2236	1	30	48	22	637
No	13	4	31	6	46	3	23	0	0	652	43	14	53	30	2	648	11727	11	67	19	3	649
<b>Current LEP</b>																						
Yes	1										2						322	2	39	37	21	638
No	14	4	29	7	50	3	21	0	0	652	46	13	52	33	2	647	13641	10	62	23	5	647
<b>Economically disadvantaged</b>																						
Yes	8	1	13	4	50	3	38	0	0	649	26	8	50	42	0	646	5617	4	54	33	9	643
No	7	3	43	3	43	1	14	0	0	655	22	18	50	27	5	648	8346	13	66	17	3	650
<b>Migrant</b>																						
Yes	0										0						4					
No	15	4	27	7	47	4	27	0	0	651	48	13	50	35	2	647	13959	9	61	24	6	647
<b>Gender</b>																						
Female	4										25	16	36	44	4	646	6743	13	63	20	4	649
Male	11	2	18	5	45	4	36	0	0	648	23	9	65	26	0	648	7220	6	60	27	7	645
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	14	4	29	6	43	4	29	0	0	652	28	14	43	39	4	646	1408	4	41	43	12	641
No	1										20	10	60	30	0	648	12555	10	64	21	5	648
<b>Gifted/talented program</b>																						
Yes	0										0						636	39	59	2	0	659
No	15	4	27	7	47	4	27	0	0	651	48	13	50	35	2	647	13327	8	61	25	6	647

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# ELA-READING RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 6

SAU: MSAD 58

School: Strong Elementary School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	7	0	0	0	0	1	100	0	0	640	2	0	0	100	0	640	6	5	47	32	16	642
B. less than one hour	40	3	50	3	50	0	0	0	0	658	50	17	46	38	0	647	59	9	62	24	5	647
C. one to two hours	47	1	14	4	57	2	29	0	0	649	44	10	62	29	0	648	32	11	64	21	4	648
D. more than two hours	7	0	0	0	0	1	100	0	0	636	4	0	0	50	50	631	3	10	50	26	13	644
<b>Which of the following best describes how you rate yourself as a student in reading?</b>																						
A. very good	13	1	50	0	0	1	50	0	0	654	23	18	55	27	0	650	31	17	66	14	3	651
B. good	47	3	43	3	43	1	14	0	0	656	52	16	40	40	4	646	48	8	64	23	5	647
C. fair	40	0	0	4	67	2	33	0	0	645	25	0	67	33	0	645	18	2	48	40	10	641
D. poor	0										0						2	1	34	47	18	638
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?</b>																						
A. The questions on the test match what I have learned in reading class.	7	1	100	0	0	0	0	0	0	666	27	23	31	46	0	647	38	13	65	18	3	650
B. They match some of what I have learned.	87	3	23	7	54	3	23	0	0	651	60	10	62	28	0	648	49	8	63	24	5	647
C. They match just a little of what I have learned.	7	0	0	0	0	1	100	0	0	640	8	0	50	50	0	645	10	5	48	36	11	642
D. There is no match.	0										4	0	0	50	50	631	3	3	35	38	24	639
<b>How difficult was the reading part of this test?</b>																						
A. more difficult than my regular schoolwork	27	0	0	2	50	2	50	0	0	645	15	0	57	43	0	644	16	7	52	30	11	644
B. about the same as my regular schoolwork	67	4	40	5	50	1	10	0	0	655	73	17	49	31	3	648	66	10	64	22	4	648
C. easier than my regular schoolwork	7	0	0	0	0	1	100	0	0	636	13	0	50	50	0	644	17	11	61	22	5	648
<b>How difficult were the reading passages on this test?</b>																						
A. Most of the passages were more difficult than what I normally read.	7	0	0	1	100	0	0	0	0	648	4	0	50	50	0	639	10	2	39	42	17	639
B. Most of the passages were about the same as what I normally read.	53	1	13	4	50	3	38	0	0	647	54	4	50	42	4	644	55	6	62	27	5	646
C. Most of the passages were easier than what I normally read.	40	3	50	2	33	1	17	0	0	658	42	25	50	25	0	652	35	16	67	14	3	651
<b>How hard did you try on the reading part of this test?</b>																						
A. I tried harder on this test than I do on my regular schoolwork.	80	4	33	6	50	2	17	0	0	654	63	20	43	37	0	648	48	10	60	24	6	647
B. I tried about the same as I do on my regular schoolwork.	20	0	0	1	33	2	67	0	0	642	38	0	61	33	6	645	49	10	63	22	5	648
C. I did not try as hard on this test as I do on my regular schoolwork.	0										0						3	3	53	29	15	642
<b>How much time do you spend reading at home each day?</b>																						
A. more than one hour	7	0	0	1	100	0	0	0	0	658	13	17	67	17	0	654	23	15	65	16	4	650
B. 20 minutes to an hour	73	4	36	5	45	2	18	0	0	653	52	20	52	28	0	649	49	10	64	22	4	648
C. less than 20 minutes	7	0	0	0	0	1	100	0	0	636	17	0	13	75	13	635	11	6	58	29	7	645
D. I rarely read at home.	13	0	0	1	50	1	50	0	0	646	19	0	67	33	0	646	17	2	51	36	11	642
<b>Optional school/SAU question</b>																						
A.	100	0	0	0	0	1	100	0	0	640	100	0	0	100	0	640						
B.	0										0											
C.	0										0											
D.	0										0											

E = Exceeds the Standards   M = Meets the Standards   P = Partially Meets the Standards   D = Does Not Meet the Standards  
N = Number

# MATHEMATICS RESULTS

Test Date: March 2009  
Grade: 6  
SAU: MSAD 58  
School: Strong Elementary School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 662–680)	2006-2007	3	17	7	14	2092	15
	2007-2008	5	25	8	18	1474	10
	<b>2008-2009</b>	<b>5</b>	<b>33</b>	<b>8</b>	<b>17</b>	<b>1807</b>	<b>13</b>
	Cum. Total*	13	25	23	16	5373	13
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 642–660)	2006-2007	6	33	15	29	5731	40
	2007-2008	10	50	23	52	6008	43
	<b>2008-2009</b>	<b>8</b>	<b>53</b>	<b>25</b>	<b>52</b>	<b>5662</b>	<b>41</b>
	Cum. Total*	24	45	63	44	17401	41
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 628–640)	2006-2007	7	39	19	37	4175	29
	2007-2008	3	15	8	18	4244	30
	<b>2008-2009</b>	<b>2</b>	<b>13</b>	<b>10</b>	<b>21</b>	<b>4219</b>	<b>30</b>
	Cum. Total*	12	23	37	26	12638	30
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 600–626)	2006-2007	2	11	10	20	2308	16
	2007-2008	2	10	5	11	2346	17
	<b>2008-2009</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>10</b>	<b>2290</b>	<b>16</b>
	Cum. Total*	4	8	20	14	6944	16

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Mathematics Total Points</b>	<b>56</b>	<b>100</b>	40.3	72.0	34.5	61.6	30.6	54.6
<b>A. Number</b>	<b>18</b>	<b>32</b>	13.3	73.9	11.3	62.8	10.3	57.2
<b>B. Data</b>	<b>12</b>	<b>21</b>	9.7	80.8	7.7	64.2	6.6	55.0
<b>C. Geometry</b>	<b>14</b>	<b>25</b>	8.7	62.1	8.1	57.9	7.3	52.1
<b>D. Algebra</b>	<b>12</b>	<b>21</b>	8.7	72.5	7.4	61.7	6.5	54.2

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

# MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009  
Grade: 6  
SAU: MSAD 58  
School: Strong Elementary School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	15	5	33	8	53	2	13	0	0	657	48	17	52	21	10	648	13978	13	41	30	16	643
<b>Ethnicity</b>																						
African American/Black	0										1						406	4	26	36	34	633
American Indian or Native Alaskan	0										1						126	4	29	40	28	635
Asian or Pacific Islander	1										3						208	18	47	23	12	647
Hispanic	0										0						175	5	31	41	23	638
Caucasian/White	14	5	36	7	50	2	14	0	0	657	43	19	49	23	9	649	13063	13	41	30	16	643
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	2										5	0	20	20	60	627	2248	3	18	33	46	629
No	13	4	31	7	54	2	15	0	0	657	43	19	56	21	5	651	11730	15	45	30	11	646
<b>Current LEP</b>																						
Yes	1										2						331	3	22	35	40	631
No	14	5	36	7	50	2	14	0	0	657	46	17	50	22	11	648	13647	13	41	30	16	643
<b>Economically disadvantaged</b>																						
Yes	8	4	50	3	38	1	13	0	0	661	26	27	42	31	0	652	5620	6	33	37	25	637
No	7	1	14	5	71	1	14	0	0	653	22	5	64	9	23	645	8358	18	45	26	11	647
<b>Migrant</b>																						
Yes	0										0						4					
No	15	5	33	8	53	2	13	0	0	657	48	17	52	21	10	648	13974	13	41	30	16	643
<b>Gender</b>																						
Female	4										25	20	36	32	12	647	6738	12	40	32	16	642
Male	11	2	18	7	64	2	18	0	0	653	23	13	70	9	9	650	7240	14	41	29	16	644
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	14	5	36	7	50	2	14	0	0	658	28	18	50	25	7	650	1410	3	24	41	32	634
No	1										20	15	55	15	15	647	12568	14	42	29	15	644
<b>Gifted/talented program</b>																						
Yes	0										0						637	65	32	3	0	665
No	15	5	33	8	53	2	13	0	0	657	48	17	52	21	10	648	13341	10	41	31	17	642

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number



# MATHEMATICS RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 6  
SAU: MSAD 58  
School: Strong Elementary School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	7	0	0	1	100	0	0	0	0	646	2	0	100	0	0	646	6	7	32	28	32	636
B. less than one hour	40	3	50	3	50	0	0	0	0	662	50	17	54	25	4	649	59	13	41	30	16	643
C. one to two hours	47	2	29	3	43	2	29	0	0	655	44	19	48	19	14	649	32	14	41	31	14	644
D. more than two hours	7	0	0	1	100	0	0	0	0	652	4	0	50	0	50	638	3	11	31	33	26	639
<b>Which of the following best describes how you rate yourself as a student in mathematics?</b>																						
A. very good	27	2	50	2	50	0	0	0	0	663	35	29	47	18	6	653	30	27	45	18	9	651
B. good	27	2	50	2	50	0	0	0	0	662	48	13	52	22	13	646	46	9	45	31	15	643
C. fair	47	1	14	4	57	2	29	0	0	651	15	0	57	29	14	645	20	2	29	43	26	635
D. poor	0										2	0	100	0	0	644	4	1	15	46	38	630
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?</b>																						
A. The questions on the test match what I have learned in mathematics class.	47	2	29	4	57	1	14	0	0	657	46	23	59	18	0	653	35	18	42	27	13	646
B. They match some of what I have learned.	47	2	29	4	57	1	14	0	0	656	42	15	60	25	0	651	50	11	43	31	15	643
C. They match just a little of what I have learned.	7	1	100	0	0	0	0	0	0	666	4	0	0	50	50	631	13	8	31	36	26	638
D. There is no match.	0										8	0	0	0	100	619	3	5	16	27	51	628
<b>How difficult was the mathematics part of this test?</b>																						
A. more difficult than my regular schoolwork	47	2	29	4	57	1	14	0	0	655	21	20	40	10	30	643	32	7	40	34	20	640
B. about the same as my regular schoolwork	40	3	50	2	33	1	17	0	0	662	69	15	52	27	6	649	56	13	42	30	15	644
C. easier than my regular schoolwork	13	0	0	2	100	0	0	0	0	649	10	20	80	0	0	654	12	31	36	20	13	650
<b>How hard did you try on the mathematics part of this test?</b>																						
A. I tried harder on this test than I do on my regular schoolwork.	73	2	18	7	64	2	18	0	0	655	58	11	61	21	7	648	51	11	41	31	16	643
B. I tried about the same as I do on my regular schoolwork.	27	3	75	1	25	0	0	0	0	663	40	26	42	21	11	650	45	15	41	29	16	644
C. I did not try as hard on this test as I do on my regular schoolwork.	0										2	0	0	0	100	622	4	12	28	32	28	638
<b>On average, how many minutes a day do you spend working on mathematics in class?</b>																						
A. less than 30 minutes	0										8	25	50	0	25	650	6	8	29	29	34	635
B. 30–45 minutes	7	0	0	1	100	0	0	0	0	652	15	0	71	29	0	648	33	10	37	34	19	641
C. 45–60 minutes	87	5	38	7	54	1	8	0	0	659	69	21	48	24	6	650	45	15	44	29	12	645
D. more than 60 minutes	7	0	0	0	0	1	100	0	0	640	8	0	50	0	50	633	16	15	41	28	16	644
<b>How often do you use calculators in mathematics class?</b>																						
A. almost every day	0										0						9	14	35	29	22	641
B. two or three days a week	0										0						26	15	40	30	16	644
C. two or three times each month	0										21	10	50	30	10	647	31	13	43	30	14	644
D. never or almost never	100	5	33	8	53	2	13	0	0	657	79	18	53	18	11	649	34	11	40	31	18	642
<b>How often do you use hands-on materials in mathematics class?</b>																						
A. almost every day	7	0	0	1	100	0	0	0	0	656	6	0	67	0	33	643	17	8	35	33	24	639
B. two or three days a week	53	3	38	4	50	1	13	0	0	659	19	33	56	11	0	657	28	13	42	30	15	643
C. two or three times each month	20	1	33	1	33	1	33	0	0	654	30	21	43	29	7	649	31	15	43	30	13	645
D. never or almost never	20	1	33	2	67	0	0	0	0	655	45	10	52	24	14	645	23	14	39	30	17	643
<b>Optional school/SAU question</b>																						
A.	100	0	0	1	100	0	0	0	0	646	100	0	100	0	0	646						
B.	0										0											
C.	0										0											
D.	0										0											

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